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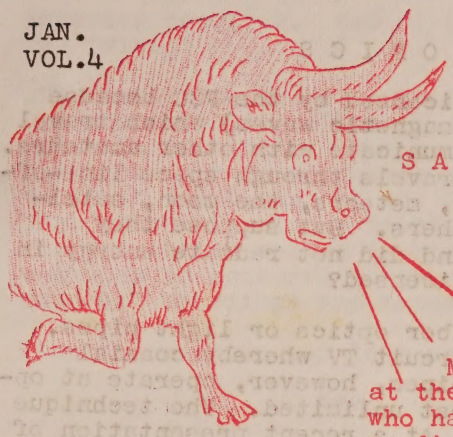

SAN ANTONIO RADIO CLUB

President - Ivan Mangold WA5RNV
Vice President - Bill Ross K5LLK
Secretary - Mike Fritz WN5HLX
Treasurer - Frank Box WA5VFM
Sgt-at-Arms - Brenda & Linda Trappe

Meets first and third Fridays at 7:30 p.m. at the Red Cross Building, 90 Brees St. All who have an INTEREST in amateur radio are cordially invited to attend.

Bull-etin Editor, Dean Davis W5BGE Typist, Maybelle Davis, XYL

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The PREZ SEZ

By IVAN WA5RNV

A happy, prosperous, and healthy 1973 to all. Real pleased to be back in circulation after spending most of November and December hunting in New Mexico, far West and deep South Texas.

Spent about ten days in the Glass Mts., northwest of Marathon where terrain, pines and other trees reminded me of the western slopes of Colorado. One fellow killed a buck, so old he was wearing false teeth. Another so tough, dogs could not chew.

Last day of '72 was spent going thru old Radio Club files. Would you believe membership rosters for '67 showed 31 members; Jan.'70-50; Sept. '71-135; Sept. '72-184?

Such fine growth can only be because of efforts of your past officers, directors, and committees; Dean's BULL-etin and Christmas Party, Frank's Field Day, Otto's Code & Theory Classes, and so many other interesting programs and activities.

We plan to keep interest alive with a number of very interesting programs scheduled by Bill K5LLK, continuing Code and Theory by Otto WA5UYE, Field Day by Bill K5TSR, and many other little items to keep you on your toes.

Let your officers know of other activities you would like to see your club sponsor. If economically feasible, and enough members indicate they would participate, we will include in our schedule for 1973.

DON'T FORGET SET, Jan 27 & 28. (See Page 3). THAS ALL, 73 in 1973.
Ivan, WA5RNV.

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OLD TIMERS

SARC TO FEATURE OLD TIMERS NIGHT

By BILL K5LLK

The Friday, January 19, Club meeting of SARC has been reserved to honor the OLD TIMERS who have been licensed for more than 25 years. It is fitting that we should do this because, if it were not for them, we very possibly might not be amateurs today. All OT's are invited as the Club's honor guests on this evening. Spread the word and bring an OT with you. A prize for the OM with the oldest license will be awarded. A display of some early gear is planned to bring back some old memories as well as educate us "young people". Jim Yantis K5RV is searching for QSL's of SARC members - 1925-35, list follows: 5ABQ, 5AJD, 5AJW, 5ARQ, 5AWD*, 5AX*, 5AZD*, 5BE*, 5BKI*, 5BUV*, 5CAP, 5CU, 5CD, 5DCP, 5EBT*, 5EDX, 5EJT, 5EYB, 5FNA, 5FGQ*, 5GKI, 5GKX, 5JC*, 5JLW, 5KYL, 5MN*, 5OR*, 5CT*, 5PF*, 5RT*, 5RV*, 5SF*, 5UC*, 5UX*, 5VL*, 5WR*. (Asterisk denotes charter members.) Some of these are Silent Keys, some lost track of, quite a few are still active. Information on present whereabouts appreciated (QSL card if possible). C U THERE! 73, Bill K5LLK.

TECHNICAL TOPICS

By W5LFM Cal Graf

Amateur radio operators are licensed by the FCC because they use radio waves (electromagnetic waves) which travel through space in order to communicate with other amateurs. That is, their radio energy travels through space line-of-sight or via reflection by the ionosphere, meteors, the moon, satellites, tropo, ducting, and maybe a few others. But suppose they wished to communicate through the earth and did not radiate energy in the usual sense. Would they need to be licensed?

The above serves as an introduction to fiber optics or light pipes. This technique is somewhat like closed circuit TV whereby coaxial lines carry the radio frequency. Light pipes, however, operate at optical frequency and the bandwidth is almost unlimited. The technique may find wide application in the future. At a recent presentation of the Electro-optics Design Show in New York City, the advantages of Dupont's Crofon fiberoptics was shown. In a display illustrating the information-carrying capability of the fiber, a TV signal on channel 2 carrier frequency modulated a low-power laser beam. A 10-ft. length of 0.04-in. plastic light guide transmitted the modulated light to a detector which recovered the signal and fed it to a TV receiver. A spark tester crackling next to the fiber confirmed the fact that optical signals are indeed immune to electrical interference.

On my recent trip to London, I picked up a cigarette lighter which uses a very old principle but a recent technique. Believe it or not, but the lighter uses a Piezo-electric crtstal to provide a spark which ignites a butane gas. I can adjust my lighter to shoot out a flame six inches long but it's not hot enough to melt solder. There are two small points just like a spark plug and an arc about 1/16 inch jumps the gap when the lighter is stroked. A small plunger provides the mechanical impact to cause the high voltage across the crystal. Now you know what it means to be rock solid! There are no wicks and no flints to replace and one filling of butane lasts much longer than the old Zippo.

The cosmic speed limit was recently measured by the National Bureau of Standard using the velocity-frequency relationship of light. A helium neon lasar was beat down to a low frequency through use of the lowly cat-whisker diode. The diode was used to produce harmonics and these were measured accurately using frequency counters operating at 9.19 gHz. The frequency of the laser was 88.38 tHz (terahertz). The new measurement gave the speed of light as 299,792.4562 kilometers per second plus or minus 1.1 meter per second. The new value is 100 times as accurate as the older accepted 299,792.5 km per second. (I though I was getting to work earlier than usual!)

Ever since the Industrial Revolution's first steam engines erupted into an undignified display of smoke and scalding water, pressure measurement has been a major engineering concern. Today, heating, air conditioning, altimetry and all types of fluid systems need relaible pressure transducers. These have long suffered the fate of moving parts forced to function continuously in a hostile environment. National Semiconductor has done away with wipers and moving contacts and announced the first semiconductor absolute pressure transducer. The hybrid IC package is able to directly drive standard indicating and recording equipment. These compact transducers are available for $70 in quantities of 1 to 99. Line forms on the right.

A device which I consider a real break-through, and which I wanted to design in 1955 but was limited by technology, is the Name Caller. This device, about the size of a small bathroom scale, does away with the need of dialing your phone. By pressing a button on the device, a user can reach any of 38 pre-stored numbers. The gadget sells from 50 to $60 and is made by Macom Products Corp. The telephone companies have been raising hob because the unit connects into their lines using a couple of wires and a screwdriver. With an IBM electrographic marker, as is done in many school exams, the user records phone numbers on a revolving belt inside the machine. As many as 38 phone numbers can be programmed onto the belt. Any of these can be changed later by erasing the black markings and starting over. To dial a number, the user moves a pointer to a name on the selector panel and pushes a button. Inside the machine a computer-like sensing device scans the markings made on the belt and dials the correct number. A device such as this would certainly be a boon to the mobile

repeater operator. One of them might even call it, "Dean Davis Dial and Drive!"

W5VY Pat Patterson reports that he regularly works stations using the amateur satellite OSCAR VI. In December '72 alone, he had 146 contacts in 27 states. Pat now has a total of 4 countries and hears Europeans and South Americans. The transmit up link operates from 145.9 to 146.0 mHz and the receive down link is on 29.450 to 29.550 mHz. There is also a beacon on 435.1 mHz. Orbit time is 115 minutes. The translater system is keyed on by certain amateur stations only on weekends to conserve power. Listen to W1AW transmissions for details on orbit crossings and times.

Keep those cards and letters coming. Regards, Cal Graf W5LFM.

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SIMULATED EMERGENCY TEST

By FRANK W5QMH

South Texas got off easy last year weatherwise. We didn't have an actual Big "E" this hurricane season to keep our local operators sharp. So we need the Simulated Emergency Test all the more this year.

This year, in addition to the use of W5SC at Red Cross, stations in each section of the city will be designated as control points.

You can readily see that such an operation will need many operators. Here is your opportunity to practice for a real emergency! All amateurs in the S. A. area are invited to participate. Please let me know your intention.Would like to see you at Red Cross Headquarters by 1 p.m. Sat. Jan 27, and give W5SC help at one of its several areas

If you are not already an AREC member, please see me for application blank. We get extra points for each amateur who participates if he is a member. The afternoon frequency will be 7290Khz, also 2M will be utilized. Each person who checks in with W5SC is expected to originate at least two SET messages: one to his SEC indicating that he is taking part in the exercise, and one to a friend in his section or region. The Simulated Emergency Test affords us an opportunity to review our message drafting and handling techniques. Preface all SET message precedences with the word TEST. For detailed info see page 49 Dec. QST. Tex. Tfc Net 3961 Khz will be handling tfc from 5 p.m. to 8 p.m.

SAMPLE MESSAGE: Message number ___ Test Routine HXB
Check 6 San Antonio, Tex. 1830Z (or time you file in GMT) Jan.27
TO: Art Ross W5KR, P. O. Box 3561, Brownsville, Tex. 78520.
Test Message am participating in SET
Signed (your name and call letters).

N O T E: Since South Texas has a brand new SCM and he has not had time to appoint a new SEC, all South Texas SET messages will go to above address.

73, Frank Gerwitz W5QMH EC Bexar County.

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CODE AND THEORY COURSE FOR GENERAL CLASS

On Jan. 9 SARC began a Code and Theory class for Generals. It meets Tuesdays and Thursdays, 7:30 to 9:30 p.m. at the Jewish Community Center, 103 W. Rampart. Homer Driesslein, Larry Williams and Otto Schneider are the instructors.

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QCWA QUARTERLY MEETING

The Quarter Century Wireless Association will hold its quarterly meeting Friday, Jan. 25, at the home of Dean W5BGE, 1518 Santa Anna. All amateurs who have held a license for 25 years or more are invited to attend.

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FOR SALE: Trio 2200 FM xceiver, NI-CAD batteries, 94/94, 34/94, 22/82. $150. Call Jim Rutledge K5UKN, 735 8919.

PARTY REPORT

The annual Christmas Dinner-Dance of the SARC was held Sat., Dec. 9, at Strange's Party House with 110 in attendance, which included some from Houston, Kerrville, San Marcos, Startzville, New Braunfels, Seguin and Marion. (What happened to Van Ormy?)

Following the dinner, an informal meeting was held MC'd by Bill Ross K5LLK, SARC VP. Roy Albright W5EYB, West Gulf Division ARRL Director, spoke to the group and presented certificates of Merit to Homer Dresslein K5MEN, Otto Schneider WA5UYE, and Gerald Morgan W5ABQ. Lee Ulrey K5HZR, winding up his term as SCM S-Tex., also had a few words to say. Frank Gerwitz W5QMH was allowed to tell two "jokes".

Monty Montemayor W5YZ won the attendance prize, a dual meter SWR Bridge. Leona Sassman was the winner of a tray of assorted cheeses. Fred Brown K5ONC again this year took home a prize, this time a fifth of Old Charter. Gladys Jordan made and donated a decorative Christmas ornament from glittered tuna fish cans (including a spare "tube") even though she was prevented from being present by illness, which was drawn by Elizabeth Seligman. George Loos W5LFG donated a "diaper bag" which was won by the "lucky" (?) Al Trappe WA5IBD. Dancing and rag-chewing followed until 1 a.m.

Again Rose and Monty Montemayor W5YZ, ex-SAers, traveled from Houston to make the party. Other out of town visitors were: Sidney and Bob Clark W5OIK, New Braunfels, Susie WA5UFL and Marvin W5FFG Soefje, Seguin, and Maxine and L. B. (Lamp) Lampl WØGRC, Kerrville. (Many will remember Lamp and Maxine had an amateur electronic supply house here several years ago!)

Other visitors included: Elizabeth and Irving "Pappy" Seligman W5UB; Mildred and Jack McComb W5OR; Katherine and Derwin King W5LUU; Nelline and Theo Jett W5OZQ (complete with French beret); Leona and Cole Crump W5DKP; Molly and Bill Moffett; Inez W5WXT and Ralph Cole W5THU, daughter Lynda; Alice and Joe Rodriguiz, Alice and Pepos Dounson W5OSG; Judy and George Loos W5LFG; Hazel and Jimmy Rives W5JC; Betty and Jack Johnson WA5VZV; Guest of Earl K5YNS, Esther Shupp; Guest of Linda Trappe, Pete Sheilds; Guest of Dick WA5FOE, Leona Sassman.

The cost of the party, which includes Strange's Party House, orchestra, door prizes, decorations and name-tags was $817.28. Total collected for ticket sales was $627. Cost to SARC - $190.28. Our THANKS to those who worked on ticket sales and decorations: W5KQG, W5LVE, WA5RNV, W5EYB, W5PKK, WA5QHG, W5QMH, WA5VFM, Virginia Box and my wife. AGAIN this year, Frances Bruemmer W5KQG was the Champion Ticket Seller, selling nearly half of all the tickets!

Oh, yes! Date of the next one has been set again on the second Saturday in December--next December 8. Reservations are being accepted N O W!! 73, Dean W5BGE, Chairman of Arrangements.

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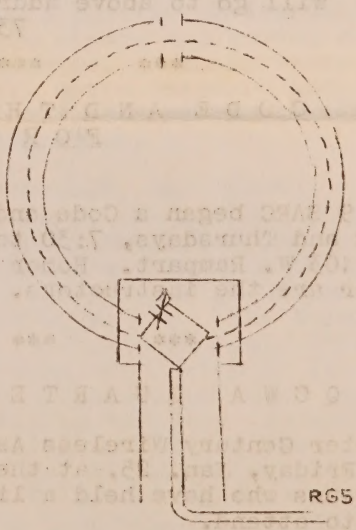
TWO METER LOOP DIRECTION FINDER

By K8AIT/5

A lot of people believe that a loop on 2 M will not work--we disagree. Bend ¼" copper tubing in a circle and cut in half. Solder to box as shown. Top section should be separated by approx. 1/32" with a fiber washer and epoxied. Run RG58 without shielding thru tubing. Connect as shown. Handle should be taped near bottom to insulate user. Tune capacitor with weak signal for maximum indication with the flat side of the loop pointing 90° away from the station. To use as direction finder turn loop for null, pick out a point and take bearing with compass. Move to new location. Repeat for bearing and then plot the two readings. Now you can find that "lost" transmitter.



73, Rick K8AIT/5.

PARTS: 35 pf variable; 24" copper tubing; 24"RG58 with shielding stripped off; mini box; ½" tubing cut ¼ wave length; fiber washer.

RULES FOR REPEATER STATIONS IN AMATEUR RADIO SERVICE AFFIRMED BY FCC

The amendments of Part 97 of the Amateur Radio service rules adopted in the Commission's Report and Order in Docket 18803 (FCC 72-757, released September 8, 1972), have been affirmed by the FCC and numerous petitions for reconsideration, stay or changes have been denied. The Report and Order established rules for licensing and operation of repeater stations in the Amateur Radio Service.

(Repeater stations receive and automatically retransmit the radio signals of other amateur radio stations and are used primarily to extend the radio-communication range of vehicular and hand-held mobile stations.)

The majority of petitioners objected to the rules requiring a control operator to be in attendance at a control point while a repeater station was in operation and to the placement of responsibility for proper operation of the station on the control operator. Seven petitioners requested that the burden for proper use of repeater stations be only on the user station operator transmitting on the input frequency of the repeater station and that the rules "limit the responsibility of a repeater station control operator to properly maintaining the technical operation of the station."

Several petitioners proposed a tone-access system in which the users would activate the repeater station by transmitting a certain combination of tones on the repeater station input communication frequency channel.

Stating that petitions added nothing to the information considered in adopting the Report and Order, the Commission explained that operation of a repeater station in the Amateur Radio Service could present unique problems not comparable to other radio service such as Land Mobile or Citizens Class A where control operators were not required at repeater stations.

In response to the tone-access system proposals, the Commission pointed out that a basic principal of radio control was that there be a reasonable probability the remote station would not be activated by unauthorized persons, and the control operator could indeed effect supervisory control of the station from the remote control point just as well as if the control point was located at the station.

Stating that the ingenuity of amateurs could eventually "develop the techniques, technical and operational," that would permit the adoption of rules for automatically controlled repeater stations and that it was conceivable that automatic and reliable means could be developed to perform "all of the supervisory functions of repeater station control operator under certain specific conditions", the Commission said provisions for automatic control were not warranted at this time.

Action by the Commission December 20, 1972, by Memorandum Opinion and Order. Commissioners Burch (Chairman), Robert E. Lee, H. Rex Lee, Reid, Wiley and Hooks with Commissioner Johnson concurring in the result.

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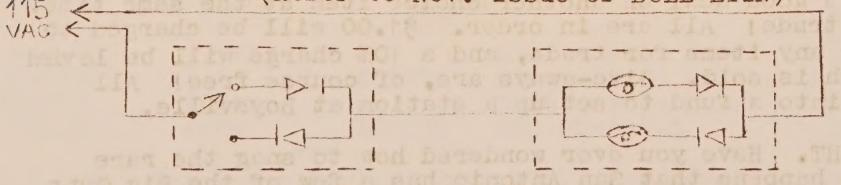
ANSWER TO BLACK BOX PUZZLE
(Refer to Nov. issue of BULL-ETIN)



The first solution of the puzzle was received from Bob W5PKK. At the Dec. Club meeting he demonstrated it with a working circuit. (He cleverly hid the diodes in the spaghetti on the wires and further mystified several!) *** Bill Way WA5QHG stated that he had a solution of the same puzzle using a DC source instead of AC. Well! Does anyone care to give an answer for this? Bill's answer will appear in the next issue. de Dean W5BGE.

ARRL CONVENTION '73

WEST GULF DIVISION

Initial plans to hold a WEST GULF DIVISION ARRL CONVENTION have been completed. Formal authority for the convention was granted by the League Executive Committee at its recent meeting. Make your plans now to attend. This will be one of our biggest and best!

ALL ARRL MEMBERS in the West Gulf Division (Texas and Oklahoma) will be mailed forms for registration at a later date, H O W E V E R, this convention is not restricted to A R R L members. ALL AMATEURS are invited and welcome. Talk it up!

LOCATION: Between DALLAS and FORT WORTH, at EULESS, Texas.

CONVENTION CENTER: WESTERN HILLS INN, Euless, Texas, at junction of Highways 183 and 157. Six miles north of SIX FLAGS.

DATE: LAST WEEKEND IN A P R I L, 1973, (April 27, 28, 29).

Ted Heithecker W5EJ
General Chairman.

West Gulf Convention Committee
Box 47382, Dallas, Texas 75247.

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TEXAS VHF-FM SOCIETY WINTER MEETING

The Texas VHF-FM Society will hold its Winter Meeting in Brownsville Feb. 24 & 25 at Fort Brown Moter Hotel. Due to the fact that these dates are in the middle of the tourist season, an early request for room reservation is necessary.

Excellent technical talks and in-depth discussions have been planned. On Saturday afternoon a guided sight-seeing and shopping tour of Matamoros for the ladies has also been planned.

This meeting is sponsored by the Texas Southmost Amateur Radio Club, Inc. For further info write Meeting Coordinator Art Ross W5KR, P. O. Box 3561, Brownsville, Texas 78520.

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7 2 9 0 P I C N I C

The 7290 Traffic Net will hold its annual picnic again this year at Bastrop State Park, May 4, 5, and 6. For additional details check into 7290 Tfc Net or contact Bill W5HWY, Victoria.

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C O M I N G E V E N T S

By K5LLK

During the coming months SARC has some programs scheduled that should interest everyone in one way or another. Besides the OT night, the following are planned:

FEBRUARY 16 - SWAP NIGHT. Is the XYL getting a little put-out at you because the goodies are piling up in the garage, attic, or even under the bed? Well! Here is a night especially set aside to pass it on and possibly get a good deal on another choice item at the same time. Buy, sell and/or trade! All are in order. $1.00 will be charged to anyone who brings any items for trade, and a 10% charge will be levied for any item which is sold. Give-aways are, of course free! All proceeds will go into a fund to set up a station at Boysville.

MARCH 16 - DX NIGHT. Have you ever wondered how to snag the rare ones? It just so happens that San Antonio has a few of the Big Guns of the DX fraternity. On this night, some of these fellows will give some pointers on how they go about getting those QSL's from foreign lands. Practices, courtesies, as well as how to coax that important QSL out of your contact "after the fact" will be demonstrated. This is one night you shouldn't miss. 73, Bill K5LLK.

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N E E D E D: Rob Shirey needs a novice transmitter. If you have one you can loan, give or sell cheap, call 692 1747.

SCM REPORT

1972 IN RETROSPECT

By Lee K5HZR

Compared to other years, the year 1972 was a quiet one considering we had no major hurricane or disaster to contend with. We had an increase in the number of affiliated clubs and Field Organization appointees. Of particular note was the increased number of Official Observers within the section. Quite a number of our members became Silent Keys during the year. They are:

K5AD	W5AQN	W5EAO	W5FY	WA5PRJ	WA5TLO
W5VE	K5VUY	W5ZDU	W5DUQ	W5ACL	W5AI
W5KVX	WN5EYA	W5TEX	WA5PBV	WA5TIK	W5JE
WA5LVJ	W5QJA	W5TO	WA5ZGU	W5NF	W5AMO
W5MXX	W5KBC	W5KJY	K5ONV	W5OJB	W5AQK
K5GTZ	W5JSQ				

On the brighter side, 1972 showed a marked increase in the number of newly licensed operators and young licenses participating in CW activities on our TEX Net and its outlet (RN5) to the NTS. Several Novice nets were formed and remain in operation as of this writing.

Message traffic for the section showed an increase with more stations participating and reporting. Here are the statistics for 1972, excluding the month of December for which figures are not available:

Month	Number of Sta	Orig	Rec	Rel	Del	Total
Jan	28	238	821	460	241	1755
Feb	36	365	898	443	268	1974
March	33	248	814	442	276	1784
April	30	180	601	301	222	1304
May	30	413	848	373	427	2061
June	28	225	588	281	254	1347
July	29	331	614	267	249	1461
August	24	252	549	247	333	1381
September	27	256	496	228	195	1175
October	23	288	465	226	169	1148
November	28	245	547	311	176	1279

We had several stations on the Public Service Honor Roll (PSHR) most every month and they were: W5ABQ, K5ROZ, W5RBB, and W7WAH/5. During 1972 BPL certificates were issued to W5AC, WA5MUM and WA5JFZ.

Since my term as SCM expired at year's end, I wish to extend my appreciation to the appointees and affiliated clubs for their support and hope that you will continue to lend your support to the new SCM, Mr. Art Ross, W5KR of Brownsville. With the annual Simulated Emergency Test (SET) coming up on January 27-28, 1973 I discussed the matter of SET message traffic with ART and, since the post of SEC for South Texas is vacant, we concluded that SET traffic be routed to him at this address: Art Ross, W5KR, P. O. Box 3561, Brownsville, Texas 78520. Art's telephone number is: 512 546 1408. SET traffic can be routed via the TEX CW Net on 3770khz, TTN on 3961khz or the 7290 Traffic Net on 7290khz. These nets will hold special sessions during the SET to accomodate those organizatinns and individual stations participating in the SET. I hope you have a successful SET and may 1973 be your best yet. Thanks and 73.

73, Lee K5HZR.

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ADD THE FOLLOWING TO THE SAN ANTONIO RADIO CLUB ROSTER:

CHAMBLES	Victor	K4KVF/5	255 Lemur Dr.	78213	732 2557
SLATTERY	Joseph		5531 Castle Way	78218	655 2287
SLATTERY	Tim	WN5FTA	5531 Castle Way	78218	655 2287
SEURER	Edgar		5834 Castle Lake	78218	653 4717
SKILES	Jack	WN5CQR	250 Pinewood	78216	826 3079

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S P L A T T E R - - Terry Turner W5ETG and Roger Chiodo WA5ONR were in town for the holidays from Arlington and UT respectively.....D. B. Olson W5PEK has been installed as District Deputy Grand High Priest of the Grand Royal Arch Masonic Chapter of Texas.....Judy and George Loos W5LFG back in S.A. after 6 mo. in Missouri..... Gene W5EJT and Ruth K5OPT have just returned from a 2 week's cruise in the Caribbean, visiting Curaco, Caracas, Grenada, Barbados, Martineque, St. Croix, St. Thomas, San Juan and Nassau. Worked KP's on 2M. de W5BGE.

ARRL ARRL COMMENTS AND NEWS FROM THE DIRECTOR ARRL ARRL

1972 was an eventful year for amateur radio. We launched our still orbiting transponder type satellite Oscar 6, which takes input on the 2 meter uplink and retransmits on 10 down. Soon to come, we hope will be three statioary ones which will give us 24-hr. world wide coverage on VHF! The League is actively supporting AMSAT in these ventures. Your money, as a League member, is making magnificent contribution to the advancement of amateur radio techniques.

In the field of regulations, 1972 was not kind to us. FCC went far beyond our expectations and published new regulations regarding repeaters which will severely restrict growth of this most valuable mode in its capacity to render emergency communications for the public, unless we can get some reasonable changes or interpretations. In particular, the way the monitoring rules are written, trustees are quite likely to find themselves in difficulty unless they organize air tight control. It is regrettable the Commission declined to give more favorable consideration to the numerous protests they received.

Our time honored right to handle ANY type of message, so long as we receive no compensation, has been given such restrictive ruling that we now must exercise extreme caution if there is any message content which could be interpreted as 'business.' Methinks one needs the wisdom of Solomon on that one.

With respect to frequency allocation changes, the Commission appears to have adopted the philosophy of supporting the Incentive Licensing Program. We note, by on-the-air listening, that many amateurs have not yet become thoroughly familiar with the new allocations. I suggest we keep a chart handy when operating the rig.

Possibly the pronouncement from the great white father likely to have the most profound effect upon amateur radio in the future, if it is implemented, was the Environmental Protection Docket (19555). Needless to say, the League acted quickly to oppose this most dangerous proposal (See p. 78, Dec '72 QST).

At home, after mail delays had necessitated extending ballot return date to 28 December, Mr. Arthur Ross, W5KR, P. O. Box 3561, Brownsville, Texas, 78520, was declared elected Section Communications Manager for South Texas Section. We regret that dedicated, hard-working Lee Ulrey, K5HZR, found his personal commitments to be such that he was unable to continue in office. There were four qualified nominees. Let's all give Art our unstinted support.

Plan now to attend the West Gulf Division 1973 Convention to be held in Euless, Tx., between Dallas and Fort Worth, the last week-end in April. The Committee is hard at work to set up a program that will interest all progressive amateurs. One important item will be an open forum, where we can discuss amateur and League affairs. Some excellent technical presentations are being lined up, and we can expect high powered representation from League headquarters.. The committee will send out official announcement, registration information, etc., in the very near future, to each League member. However, all amateurs, League members or not, are invited.

FLASH

Today's mail brings news the FCC plans to raise license fees again! They are proposing $10.00 for new, and renewal/modifications and $5.00 for straight modifications! They have called for comments. More on this later.

73, ROY L. ALBRIGHT, W5EYB, DIRECTOR, WEST GULF DIVISION, ARRL

San Antonio Radio Club
Box 62
San Antonio, Tex.
78291

SAN ANTONIO PM 9 JAN 1973 3A XL

ALWAYS USE ZIP CODE

8c

FIRST CLASS MAIL

George Munsch W5VPQ
Ella Munsch W5TSE
11314 Janet Lee
San Antonio Tx 78230